

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

<h1 style="margin: 0;">FEE TRANSMITTAL</h1> <h2 style="margin: 0;">for FY 2001</h2> <p style="font-size: small; margin: 5px 0;">Patent fees are subject to annual revision.</p>		Complete if Known	
TOTAL AMOUNT OF PAYMENT		(\$)	910
Application Number		Not Yet Assigned	
Filing Date		Herewith	
First Named Inventor		Christopher S. MacLellan	
Examiner Name		Not Yet Assigned	
Group Art Unit		Not Yet Assigned	
Attorney Docket No.		EMC2-085PUS	

<h3 style="text-align: center; margin: 0;">METHOD OF PAYMENT</h3> <p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number: 50-0845</p> <p>Deposit Account Name: Daly, Crowley & Mofford, LLP</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed:</p> <p><input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p> <h3 style="text-align: center; margin: 0;">FEE CALCULATION</h3> <div style="border: 1px solid black; padding: 5px;"> <h4 style="margin: 0;">1. BASIC FILING FEE</h4> <table style="width: 100%; font-size: small;"> <thead> <tr> <th>Large Entity Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>101</td> <td>710</td> <td>201</td> <td>355</td> <td>Utility filing fee</td> <td style="border: 1px solid black; text-align: center;">710</td> </tr> <tr> <td>106</td> <td>320</td> <td>206</td> <td>160</td> <td>Design filing fee</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td>107</td> <td>490</td> <td>207</td> <td>245</td> <td>Plant filing fee</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td>108</td> <td>710</td> <td>208</td> <td>355</td> <td>Reissue filing fee</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td>114</td> <td>150</td> <td>214</td> <td>75</td> <td>Provisional filing fee</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td colspan="5" style="text-align: right;">SUBTOTAL (1)</td> <td style="border: 1px solid black; text-align: center;">(\$) 710</td> </tr> </tbody> </table> <div style="border: 1px solid black; padding: 5px;"> <h4 style="margin: 0;">2. EXTRA CLAIM FEES</h4> <p>Total Claims: 7 Extra Claims: 0 Fee from below: 18 Fee Paid: 0</p> <p>Independent Claims: 7 - 3** = 4 x 40 = 160</p> <p>Multiple Dependent: = </p> <table style="width: 100%; font-size: small;"> <thead> <tr> <th>Large Entity Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>103</td> <td>18</td> <td>203</td> <td>9</td> <td>Claims in excess of 20</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td>102</td> <td>80</td> <td>202</td> <td>40</td> <td>Independent claims in excess of 3</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td>104</td> <td>270</td> <td>204</td> <td>135</td> <td>Multiple dependent claim, if not paid</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td>109</td> <td>80</td> <td>209</td> <td>40</td> <td>** Reissue independent claims over original patent</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td>110</td> <td>18</td> <td>210</td> <td>9</td> <td>** Reissue claims in excess of 20 and over original patent</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td colspan="5" style="text-align: right;">SUBTOTAL (2)</td> <td style="border: 1px solid black; text-align: center;">(\$) 160</td> </tr> </tbody> </table> <p style="font-size: x-small;">**or number previously paid, if greater; For Reissues, see above</p> </div> </div>	Large Entity Code	Large Entity Fee (\$)	Small Entity Code	Small Entity Fee (\$)	Fee Description	Fee Paid	101	710	201	355	Utility filing fee	710	106	320	206	160	Design filing fee		107	490	207	245	Plant filing fee		108	710	208	355	Reissue filing fee		114	150	214	75	Provisional filing fee		SUBTOTAL (1)					(\$) 710	Large Entity Code	Large Entity Fee (\$)	Small Entity Code	Small Entity Fee (\$)	Fee Description	Fee Paid	103	18	203	9	Claims in excess of 20		102	80	202	40	Independent claims in excess of 3		104	270	204	135	Multiple dependent claim, if not paid		109	80	209	40	** Reissue independent claims over original patent		110	18	210	9	** Reissue claims in excess of 20 and over original patent		SUBTOTAL (2)					(\$) 160	<h3 style="text-align: center; margin: 0;">FEE CALCULATION (continued)</h3> <div style="border: 1px solid black; padding: 5px;"> <h4 style="margin: 0;">3. ADDITIONAL FEES</h4> <table style="width: 100%; font-size: small;"> <thead> <tr> <th>Large Entity Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>105</td> <td>130</td> <td>205</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td>127</td> <td>50</td> <td>227</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td>139</td> <td>130</td> <td>139</td> <td>130</td> <td>Non-English specification</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td>147</td> <td>2,520</td> <td>147</td> <td>2,520</td> <td>For filing a request for ex parte reexamination</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td>112</td> <td>920*</td> <td>112</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td>113</td> <td>1,840*</td> <td>113</td> <td>1,840*</td> <td>Requesting publication of SIR after Examiner action</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td>115</td> <td>110</td> <td>215</td> <td>55</td> <td>Extension for reply within first month</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td>116</td> <td>390</td> <td>216</td> <td>195</td> <td>Extension for reply within second month</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td>117</td> <td>890</td> <td>217</td> <td>445</td> <td>Extension for reply within third month</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td>118</td> <td>1,390</td> <td>218</td> <td>695</td> <td>Extension for reply within fourth month</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td>128</td> <td>1,890</td> <td>228</td> <td>945</td> <td>Extension for reply within fifth month</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td>119</td> <td>310</td> <td>219</td> <td>155</td> <td>Notice of Appeal</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td>120</td> <td>310</td> <td>220</td> <td>155</td> <td>Filing a brief in support of an appeal</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td>121</td> <td>270</td> <td>221</td> <td>135</td> <td>Request for oral hearing</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td>138</td> <td>1,510</td> <td>138</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td>140</td> <td>110</td> <td>240</td> <td>55</td> <td>Petition to revive - unavoidable</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td>141</td> <td>1,240</td> <td>241</td> <td>620</td> <td>Petition to revive - unintentional</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td>142</td> <td>1,240</td> <td>242</td> <td>620</td> <td>Utility issue fee (or reissue)</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td>143</td> <td>440</td> <td>243</td> <td>220</td> <td>Design issue fee</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td>144</td> <td>600</td> <td>244</td> <td>300</td> <td>Plant issue fee</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td>122</td> <td>130</td> <td>122</td> <td>130</td> <td>Petitions to the Commissioner</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td>123</td> <td>50</td> <td>123</td> <td>50</td> <td>Petitions related to provisional applications</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td>126</td> <td>240</td> <td>126</td> <td>240</td> <td>Submission of Information Disclosure Stmt</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td>581</td> <td>40</td> <td>581</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td style="border: 1px solid black; text-align: center;">40</td> </tr> <tr> <td>146</td> <td>710</td> <td>246</td> <td>355</td> <td>Filing a submission after final rejection (37 CFR § 1.129(a))</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td>149</td> <td>710</td> <td>249</td> <td>355</td> <td>For each additional invention to be examined (37 CFR § 1.129(b))</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td>179</td> <td>710</td> <td>279</td> <td>355</td> <td>Request for Continued Examination (RCE)</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td>169</td> <td>900</td> <td>169</td> <td>900</td> <td>Request for expedited examination of a design application</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td colspan="5">Other fee (specify) _____</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td colspan="5" style="text-align: right;">SUBTOTAL (3)</td> <td style="border: 1px solid black; text-align: center;">(\$) 40</td> </tr> </tbody> </table> <p style="font-size: x-small;">*Reduced by Basic Filing Fee Paid</p> </div>	Large Entity Code	Large Entity Fee (\$)	Small Entity Code	Small Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for ex parte reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	390	216	195	Extension for reply within second month		117	890	217	445	Extension for reply within third month		118	1,390	218	695	Extension for reply within fourth month		128	1,890	228	945	Extension for reply within fifth month		119	310	219	155	Notice of Appeal		120	310	220	155	Filing a brief in support of an appeal		121	270	221	135	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive - unavoidable		141	1,240	241	620	Petition to revive - unintentional		142	1,240	242	620	Utility issue fee (or reissue)		143	440	243	220	Design issue fee		144	600	244	300	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Petitions related to provisional applications		126	240	126	240	Submission of Information Disclosure Stmt		581	40	581	40	Recording each patent assignment per property (times number of properties)	40	146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))		149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))		179	710	279	355	Request for Continued Examination (RCE)		169	900	169	900	Request for expedited examination of a design application		Other fee (specify) _____						SUBTOTAL (3)					(\$) 40
Large Entity Code	Large Entity Fee (\$)	Small Entity Code	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																										
101	710	201	355	Utility filing fee	710																																																																																																																																																																																																																																																																										
106	320	206	160	Design filing fee																																																																																																																																																																																																																																																																											
107	490	207	245	Plant filing fee																																																																																																																																																																																																																																																																											
108	710	208	355	Reissue filing fee																																																																																																																																																																																																																																																																											
114	150	214	75	Provisional filing fee																																																																																																																																																																																																																																																																											
SUBTOTAL (1)					(\$) 710																																																																																																																																																																																																																																																																										
Large Entity Code	Large Entity Fee (\$)	Small Entity Code	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																										
103	18	203	9	Claims in excess of 20																																																																																																																																																																																																																																																																											
102	80	202	40	Independent claims in excess of 3																																																																																																																																																																																																																																																																											
104	270	204	135	Multiple dependent claim, if not paid																																																																																																																																																																																																																																																																											
109	80	209	40	** Reissue independent claims over original patent																																																																																																																																																																																																																																																																											
110	18	210	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																																																																																											
SUBTOTAL (2)					(\$) 160																																																																																																																																																																																																																																																																										
Large Entity Code	Large Entity Fee (\$)	Small Entity Code	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																										
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																																																																																																																											
127	50	227	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																																																																																																											
139	130	139	130	Non-English specification																																																																																																																																																																																																																																																																											
147	2,520	147	2,520	For filing a request for ex parte reexamination																																																																																																																																																																																																																																																																											
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																																																																																											
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																																																																																											
115	110	215	55	Extension for reply within first month																																																																																																																																																																																																																																																																											
116	390	216	195	Extension for reply within second month																																																																																																																																																																																																																																																																											
117	890	217	445	Extension for reply within third month																																																																																																																																																																																																																																																																											
118	1,390	218	695	Extension for reply within fourth month																																																																																																																																																																																																																																																																											
128	1,890	228	945	Extension for reply within fifth month																																																																																																																																																																																																																																																																											
119	310	219	155	Notice of Appeal																																																																																																																																																																																																																																																																											
120	310	220	155	Filing a brief in support of an appeal																																																																																																																																																																																																																																																																											
121	270	221	135	Request for oral hearing																																																																																																																																																																																																																																																																											
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																																																																																											
140	110	240	55	Petition to revive - unavoidable																																																																																																																																																																																																																																																																											
141	1,240	241	620	Petition to revive - unintentional																																																																																																																																																																																																																																																																											
142	1,240	242	620	Utility issue fee (or reissue)																																																																																																																																																																																																																																																																											
143	440	243	220	Design issue fee																																																																																																																																																																																																																																																																											
144	600	244	300	Plant issue fee																																																																																																																																																																																																																																																																											
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																																																																																																											
123	50	123	50	Petitions related to provisional applications																																																																																																																																																																																																																																																																											
126	240	126	240	Submission of Information Disclosure Stmt																																																																																																																																																																																																																																																																											
581	40	581	40	Recording each patent assignment per property (times number of properties)	40																																																																																																																																																																																																																																																																										
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																																																																																																																											
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																																																																																																																																											
179	710	279	355	Request for Continued Examination (RCE)																																																																																																																																																																																																																																																																											
169	900	169	900	Request for expedited examination of a design application																																																																																																																																																																																																																																																																											
Other fee (specify) _____																																																																																																																																																																																																																																																																															
SUBTOTAL (3)					(\$) 40																																																																																																																																																																																																																																																																										

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Richard M. Sharkansky	Registration No. (Attorney/Agent)	25,800
Signature		Telephone	781.401.9988 ext. 23
		Date	12/21/00

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

**REQUEST AND CERTIFICATION
UNDER
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor

Christopher S. MacLellan

Title

Cyclic Redundancy Check (CRC) Parity

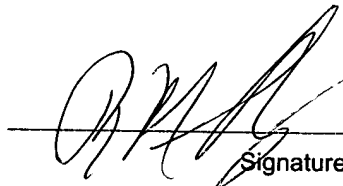
Atty Docket Number

EMC2-085PUS

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

December 21, 2000

Date


Signature

Richard M. Sharkansky

Typed or printed name

Reg # 25,806

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**